Form PTO-1390 (REV 10-97)

U.S. DEFORTMENT COMMERCE PATENT AND TRADEM

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A FILING UNDER 35 U.S.C. 371**

19730-000110US

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

			077777000					
INTERNATIONAL APPLICATION NO.		INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
PCT/US00/08	3562	28 March 2000	29 March 1999					
TITLE OF INVENTION								
METHOD AND APPARATUS FOR PROVIDING PULSE WIDTH MODULATION								
APPLICANT(S) FOR DO/EO/US								
ANSARI, Zahid, PRICKETT, Bruce L., GUY, Jonathan Andrew								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.								
3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).								
A proper Demand for International Preliminary Examination was made by the 19 <sup>th</sup> month from the earliest claimed priority date.  Sill A copy of the International Application as filed (35 U.S.C. 371(c)(2))  a. is transmitted herewith (required only if not transmitted by the International Bureau).  b. has been transmitted by the International Bureau.  c. is not required, as the application was filed in the United States receiving Office (RO/US)								
5 A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. is transmitted herewith (required only if not transmitted by the International Bureau).								
b. has been transmitted by the International Bureau.								
□ c. ∑	is not required, as the application was filed in the United States receiving Office (RO/US)							
A translation of the International Application into English (35 U.S.C. 371(c)(2)).								
7 Amendments as to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
Amendments as to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  a. \[ \] are transmitted herewith (required only if not transmitted by the International Bureau).  b. \[ \] have been transmitted by the International Bureau.								
							c. [	The second of th
d. 🛮 have not been made and will not be made.								
8.	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. 🛭 Aı	9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10. A translation of the annexes to the International Preliminary examination Report under PCT Article 36 (35 U.S.C. 371(c)(5))								
Items 11. to 16. below, concern document(s) or information included:								
11. 🛛 Aı	_							
12. 🛭 Aı	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.							
13. 🔲 A	FIRST preliminary amendment.							
	A SECOND or SUBSEQUENT	preliminary amendment.						
14. 🗌 A	A substitute specification.							
15. 🔲 A	A change of power of attorney and/or address letter.							
16. 🛭 Oi	Other items or information: Small Entity Statement, Power of Attorney, Certificate of Express Mailing							

JC16 Rec'd PCT/PTO SEP 2 8 2001

U.S. APPLICATION NO. (If	known, see 37 C.P.	INTERNATIONAL APPLICATION NO.		TORNEY'S DOCKET NUMBER				
09/	937680	19730-000110US						
17. 🛛 The followin	g fees are submitted:	CALCULATIONS PTO USE ONLY						
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):  Scarch Report has been prepared by the EPO or JPO  840.00								
	inary examination fee p							
No international pre 1.482) but internation	liminary examination for nal search fee paid to U							
	l preliminary examinati fee (37 C.F.R. 1.445(a)							
	inary examination fee p ied provisions of PCT A							
	ENTER APPRO	\$ 670.00						
	for furnishing the oath of the priority date (37 CF)	\$ 130.00						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE					
Fotal Claims	30-2	20= 10	x \$18.00	\$ 180.00				
Independent Claims	6	-3= 3	x \$7800	\$ 234.00				
MULTIPLE DEPENDENT CLAIM(S) (if appli		plicable)	+ \$260.00	\$				
	TOTA	\$ 1214.00						
Reduction by 1/2 for f	iling by small entity, if te 37 C.F.R. 1.9, 1.27, 1	\$ 607.00						
# ::		\$ 607.00						
Processing fee of \$130	0.00 for furnishing the E	\$						
		\$						
Ree for recording the	enclosed assignment (37 propriate cover sheet (3	\$ 40.00						
		\$647.00						
				Amount to be refunded:	s			
				charged	\$			
a. A check in the amount of to cover the above fees is enclosed.								
b. Please charge my Deposit Account No. 20-1430 in the amount of \$\frac{\$647.00}{}\$ to cover the above fees.								
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-1430. A duplicate copy of this sheet is enclosed.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPONDENCE TO: William F. Vobach SIGNATURE								
Townsend and Towns Two Embarcadero Ce San Francisco, CA 94	nter, 8th Floor							
		ER						

"Express Mail" Label No. <u>EL 903198369US</u>
Date of Deposit: <u>September 28, 2001</u>

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents BOX PCT Washington, D.C. 20231

By: SARVAY